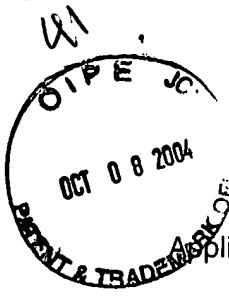


2134



PATENT APPLICATION  
Attorney Docket: 678-534 (P9554)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Sung-Oh HWANG      Examiner: Zia, Mossadeq  
Serial No.: 09/667,350      Group: Art Unit 2134  
Filed: September 22, 2000      Dated: October 6, 2004  
For: **APPARATUS AND METHOD FOR GENERATING  
MULTIPLE SCRAMBLING CODES IN ASYNCHRONOUS  
MOBILE COMMUNICATION SYSTEMS**

**RECEIVED**

OCT 18 2004

Technology Center 2100

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL FORM

Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ Small entity status of this application under 37 C.F.R. §§1.9 and 1.27 has been established by a verified statement previously submitted.
- ☐ A verified statement to establish small entity under 37 C.F.R. §§1.9 and 1.27 is enclosed.
- ☒ No additional fee is required.

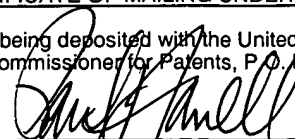
| For  | Claims Remaining After Amendment | Highest No. Previously Paid For | Present Extra | Rate (Small Entity) | Addit. Fee | Rate   | Addit. Fee |
|--|----------------------------------|---------------------------------|---------------|---------------------|------------|--------|------------|
| TOTAL CLAIMS*  | 12                               | 20                              | 0             | x 9 =               | \$0        | x 18 = | \$0        |
| INDEPENDENT CLAIMS   | 6                                | 6                               | 0             | x 43 =              | \$0        | x 86 = | \$0        |
| <input type="checkbox"/> First Presentation of Multiple Dep. Claim |                                  |                                 |               | 145                 |            | 290    | \$0        |

\* If the entry in Col. 1 is less than entry in Col. 2, write "0" in Col. 3.  
 \*\* If the "Highest No. Previously Paid for" IN THIS SPACE is less than 20, enter "20".  
 \*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, enter "3".  
 The Highest No. Previously Paid For" (Total or indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

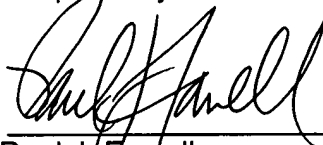
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: October 6, 2004

  
(Name) Paul J. Farrell

- ☐ Please charge Deposit Account No. 04-1121 in the amount of \$\_\_\_\_. Two (2) copies of this sheet are enclosed.
- ☐ A check in the amount of \$\_\_ is enclosed.
- ☒ Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. §§1.16 and/or 1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 04-1121. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 04-1121 therefor. A DUPLICATE OF THIS SHEET IS ENCLOSED.

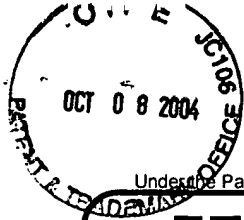
Respectfully submitted,



Paul J. Farrell  
Reg No. 33,494  
Attorney for Applicant(s)

DILWORTH & BARRESE, LLP  
333 Earle Ovington Blvd.  
Uniondale, NY 11553  
(516) 228-8484

PJF/DMO/lah



# FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 430.00

**Complete if Known**

|                      |                    |
|----------------------|--------------------|
| Application Number   | 09/667,350         |
| Filing Date          | September 22, 2000 |
| First Named Inventor | Sung-Oh HWANG      |
| Examiner Name        | Zia, Mossadeq      |
| Art Unit             | 2134               |
| Attorney Docket No.  | 678-534 (P9554)    |

**METHOD OF PAYMENT** (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit  
Account  
Number

04-1121

Deposit  
Account  
Name

Dilworth &amp; Barrese LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity<br>Fee Code (\$) | Small Entity<br>Fee Code (\$) | Fee Description        | Fee Paid          |
|-------------------------------|-------------------------------|------------------------|-------------------|
| 1001 790                      | 2001 395                      | Utility filing fee     |                   |
| 1002 350                      | 2002 175                      | Design filing fee      |                   |
| 1003 550                      | 2003 275                      | Plant filing fee       |                   |
| 1004 790                      | 2004 395                      | Reissue filing fee     |                   |
| 1005 160                      | 2005 80                       | Provisional filing fee |                   |
| <b>SUBTOTAL (1)</b>           |                               |                        | <b>(\$ ) 0.00</b> |

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

|                    | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Total Claims       | -20** =      | X              | = 0.00   |
| Independent Claims | -3** =       | X              | = 0.00   |
| Multiple Dependent |              |                |          |

| Large Entity<br>Fee Code (\$) | Small Entity<br>Fee Code (\$) | Fee Description  |
|-------------------------------|-------------------------------|--|
| 1202 18                       | 2202 9                        | Claims in excess of 20                                     |
| 1201 88                       | 2201 44                       | Independent claims in excess of 3                          |
| 1203 300                      | 2203 150                      | Multiple dependent claim, if not paid                      |
| 1204 88                       | 2204 43                       | ** Reissue independent claims over original patent         |
| 1205 18                       | 2205 9                        | ** Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2)** (\$ ) 0.00

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION** (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

| Fee Code (\$) | Fee Code (\$) | Fee Description  | Fee Paid |
|---------------|---------------|--|----------|
| 1051 130      | 2051 65       | Surcharge - late filing fee or oath  |          |
| 1052 50       | 2052 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053 130      | 1053 130      | Non-English specification  |          |
| 1812 2,520    | 1812 2,520    | For filing a request for <i>ex parte</i> reexamination                     |          |
| 1804 920*     | 1804 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805 1,840*   | 1805 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251 110      | 2251 55       | Extension for reply within first month                                     |          |
| 1252 430      | 2252 215      | Extension for reply within second month                                    |          |
| 1253 980      | 2253 490      | Extension for reply within third month                                     | 430.00   |
| 1254 1,530    | 2254 765      | Extension for reply within fourth month                                    |          |
| 1255 2,080    | 2255 1,040    | Extension for reply within fifth month                                     |          |
| 1401 340      | 2401 170      | Notice of Appeal   |          |
| 1402 340      | 2402 170      | Filing a brief in support of an appeal                                     |          |
| 1403 300      | 2403 150      | Request for oral hearing   |          |
| 1451 1,510    | 1451 1,510    | Petition to institute a public use proceeding                              |          |
| 1452 110      | 2452 55       | Petition to revive - unavoidable   |          |
| 1453 1,370    | 2453 665      | Petition to revive - unintentional   |          |
| 1501 1,370    | 2501 685      | Utility issue fee (or reissue)   |          |
| 1502 490      | 2502 245      | Design issue fee   |          |
| 1503 660      | 2503 360      | Plant issue fee  |          |
| 1460 130      | 1460 130      | Petitions to the Commissioner  |          |
| 1807 50       | 1807 50       | Processing fee under 37 CFR 1.17(q)  |          |
| 1806 180      | 1806 180      | Submission of Information Disclosure Stmt                                  |          |
| 8021 40       | 8021 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809 790      | 2809 395      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 1810 790      | 2810 395      | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 1801 790      | 2801 395      | Request for Continued Examination (RCE)                                    |          |
| 1802 900      | 1802 900      | Request for expedited examination of a design application                  |          |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$ ) 430.00**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)

Paul J. Farrell

Registration No.  
(Attorney/Agent)

33,494

Telephone

(516) 228-8484

Signature

Date

October 6, 2004

**CERTIFICATION UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: October 6, 2004

(Name) Paul J. Farrell